

### **ABSTRACT**

Disclosed is an electronic control unit (14) connected to a hydraulic unit (13), such as in a motor vehicle, by way of a magnetic plug. The electronic control unit includes a zone formed of housing walls (14') for accommodating several valve coils (12) arranged in the zone. Also included are a housing cover (8, 35) and at least one printed circuit board (31, 5) that accommodates electric and/or electronic components. Also included are an electrical contact and a heat-conducting plate (9, 32) for dissipating heat from the electronic components. The heat-conducting plate is connected to the printed circuit board. At least one thermal connecting element (4, 15) is provided, which constitutes a thermal bridge between the printed circuit board(s) and the heat-conducting plate(s).